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DERWENT-WEEK: 198251

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TITLE: Waterproof antislip finish for carpet back -
produced with butadiene copolymer latex contg. pvc powder

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PATENT-FAMILY:

PUB-NO

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LANGUAGE

PAGES MAIN-IPC

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ABSTRACTED-PUB-NO: DD 156612A

BASIC-ABSTRACT:

In finishing the back of carpet material, esp. (needled) woven carpets with a waterproof, antislip coating imparting high dimensional stability and impregnating by applying a dispersion mixt. to the back of the carpet and then drying the mixt. used consists of a latex of 60-90% butadiene and 10-40% styrene and/or acrylonitrile and PVC powder. The mixt. has a total solids content of 40-55%, 10-60% of which is PVC. The amt. (dry) applied is 100-500 g/m².

The mixt. also contains 0.05-1.5% protective colloid, 0-0.2% dispersant and opt. crosslinking agent, plasticiser, antifoam, inorganic filler and 0-30% other polymer dispersions.

The starting materials are cheap and the process is economical in energy. A high grade finish can be produced with high productivity. The finish is transparent stable and durable.